

<b>SOIL AND WASTE pH</b> <b>EPA 9045 D REVISION 4 2004</b>						<b>Page 1 of 1</b>
Facility Name: _____ VELAP ID _____						
Assessor Name: _____ Analyst Name: _____ Inspection Date _____						
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments	
<i>Records Examined:</i> SOP Number/ Revision/ Date _____ Analyst: _____						
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____						
Did water constitute less than 20% of sample volume?	1.1					
Were buffers NIST traceable?	5.4					
Were a minimum of two calibration points that bracketed sample pH used?	7.1.2					
If an accurate pH reading is required, was the sample temperature controlled to $25 \pm 1$ for sample pH of 11 or above? (Should)	7.1.2					
Were weighed 20 gm sample aliquots and measured 20 mL water volumes stirred together for five minutes? If the sample is hygroscopic is an additional 20 mL water added?	7.2.1					
For soil samples, were the sample and reagent water mixtures allowed to settle and separate for about 1 hour after stirring?	7.2.2					
For waste samples, were sample and water mixtures allowed to settle and separate for about 15 minutes after stirring?	7.3.3					
Was the pH meter electrode immersed into the aqueous supernatant just enough for good contact with the supernatant?	7.2.3 7.3.3					
Were measured pH values corrected when sample temperatures differed from buffer temperatures by more than 2°C?	7.2.4 7.3.4					
Were pH measurements of samples reported along with their temperatures at time of measurement?	7.2.5 7.3.5					
If supernatants were multiphasic, were oily layers decanted prior to pH measurement?	7.3.2					
Notes/Comments:						